

Date: Mon, 7 Jun 93 23:10:47 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #694
To: Info-Hams

Info-Hams Digest Mon, 7 Jun 93 Volume 93 : Issue 694

Today's Topics:

 blind VEs (2 msgs)
 Blue Language Repeaters
 Daily Solar Geophysical Data Broadcast for 07 June
 Foreign language QSO basics
 ft530 rubber resistor: tuned low?
 Ham Radios in movies (2 msgs)
 Has anyone experimented with the USENET via Sattelite feed
 Just Got My No-Code Tech License!
 Kenwood vs PK232
 Logos
 Velocity of light
 Wanted: 220 rig
 WANTED FT-101ZD, Radios in movies

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 6 Jun 1993 15:39:53 GMT
From: usc!howland.reston.ans.net!spool.mu.edu!clark!pacifier!
mikef@network.UCSD.EDU
Subject: blind VEs
To: info-hams@ucsd.edu

In article <35388@hacgate.SCG.HAC.COM> tony@dunes.hac.com (Tony Reeves) writes:
>

--

Mike Freeman | Amateur Radio Callsign: K7UIJ

301 N.E. 107th Street | Internet: mikef@pacifier.rain.com
Vancouver, WA 98685 USA | GENie: M.FREEMAN11
Telephone (206)574-8221 | Pushing 40 is exercise enough!

Date: Mon, 7 Jun 1993 03:15:13 GMT
From: swrinde!gatech!howland.reston.ans.net!spool.mu.edu!clark!pacifier!
mikef@network.UCSD.EDU
Subject: blind VEs
To: info-hams@ucsd.edu

In article <35388@hacgate.SCG.HAC.COM> tony@dunes.hac.com (Tony Reeves) writes:
>

>Most of the time I agree with the handicap rules that say they
can have equal oportuny to do the same as others.. however, here
I must agree with the FCC. The ruling was not baring him from
being a VE, but rather as the VE who was in charge of the
session. That is the Head VE of a test session. It is clear that
the person in charge must be able to oversee what is happening
in the session he is responcible for. If you cannot see, you
cannot see if someone is cheating. That goes for both testers
and testee's > > >! As the VE in charge of our local test
sessions I can tell you there are some VE and test takers that
sometimes try to cheat. You must be able to see to catch this.
Sometimes a handicap is just that, a handicap. I'm not saying he
can't help in the session, but to oversee its process... I
think not.

>

Nonsense! It is *exactly* this sort of unreasoning that, with
rare exceptions, barred the blind from teaching in the public
schools, colleges and universities until relatively recently and
which still rears its ugly head occasionally when prospective
teachers who are blind seek employment or attempt to enter
teaching programs at colleges and universities.

How do you *know* that it's necessary to literally see to
prevent cheating? I doubt that you are blind. As a blind
person, I cannot presume to tell you how you do things; it would
seem to me elementary logic to presume that the blind might be
the experts here!

Actually, the reasoning (or unreasoning) involved here is as
follows: "As a sighted person, I cannot imagine myself doing
task X without sight. I have no idea how a blind person would
perform task X. Ergo, the blind cannot perform task X."

This won't cut it. Were this reasoning allowed by the blind to

stand, most of the blind would still be in their rocking chairs. As it is, there is still a 70% unemployment rate among the blind -- a statistic that would have the public screaming were it that of another minority.

No, we must approach the subject of "what the blind can do" with an open mind and in the light of experience which says that the blind can supervise courses and proctor exams as well as the sighted.

BTW, as I read the Newsline article, the FCC ruling bars WD8POF from being a VE altogether.
Incidentally, it would appear that the poster depended upon his software to do word-wrapping; it did not in that it didn't insert end-of-line characters. Bummer!

73!

--

Mike Freeman		Amateur Radio Callsign: K7UIJ
301 N.E. 107th Street		Internet: mikef@pacifier.rain.com
Vancouver, WA 98685 USA		GEne: M.FREEMAN11
Telephone (206)574-8221		Pushing 40 is exercise enough!

Date: 8 Jun 1993 03:11:48 GMT
From: nothing.ucsd.edu!brian@network.UCSD.EDU
Subject: Blue Language Repeaters
To: info-hams@ucsd.edu

In article <C89tx1.JnI@boi.hp.com> swalton@boi.hp.com (Sean Walton) writes:
>say that they have the right to use fowl language whenever and wherever

====

Well, if it quacks like a duck,
Or is it just another turkey?
- Brian

Date: 8 Jun 93 05:16:48 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 07 June
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 158, 06/07/93
10.7 FLUX=112.3 90-AVG=119 SSN=089 BKI=3134 4333 BAI=016

BGND-XRAY=B3.4 FLU1=7.6E+06 FLU10=1.3E+05 PKI=3234 5433 PAI=020
BOU-DEV=000,009,027,045,058,039,021,028 DEV-AVG=028 NT SWF=01:055
XRAY-MAX= M5.4 @ 1425UT XRAY-MIN= B3.0 @ 1039UT XRAY-AVG= C2.2
NEUTN-MAX= +000% @ 0000UT NEUTN-MIN= +000% @ 0000UT NEUTN-AVG= +0.0%
PCA-MAX= +0.0DB @ 0000UT PCA-MIN= +0.0DB @ 0000UT PCA-AVG= +0.0DB
BOUTF-MAX=55388NT @ 0105UT BOUTF-MIN=55316NT @ 1714UT BOUTF-AVG=55357NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+078,+000,+000
GOES6-MAX=P:+129NT@ 1602UT GOES6-MIN=N:-103NT@ 2221UT G6-AVG=+102,-021,-054
FLUXFCST=STD:115,115,110;SESC:115,115,110 BAI/PAI-FCST=010,015,025/012,018,035
KFCST=2233 3322 2233 3334 27DAY-AP=008,014 27DAY-KP=2322 2222 3333 3333
WARNINGS=*SWF;*PROTON
ALERTS=**MAJFLR:M5.4/2B@1351-1425-1443,S10W30(7518);**SWEEP:II=3;
SWEEP:IV=3@1425UTC;TENFLR:1100SFU@1409UTC,DUR=42;
245STRM:0201-0521UTC;PROTNENH

!!END-DATA!!

NOTE: The Effective Sunspot Number for 06 JUN 93 is not available.
The Full Kp Indices for 06 JUN 93 are: 3o 3+ 4o 3- 3- 3- 3+ 4-

Date: 8 Jun 1993 01:52:34 GMT
From: sun-barr!korie!news2me.EBay.Sun.COM!jethro.Corp.Sun.COM!caliban!
tjonz@decwrl.dec.com
Subject: Foreign language QSO basics
To: info-hams@ucsd.edu

I believe the ARRL now owns the rights to "Hola CQ", which I've found to be a handy phrasebook of ham jargon in Spanish and a useful prod with which to shake up those few brain cells that still remember something of my high school Spanish. The package includes about a dozen or so double-sided pages and one C-60 audio tape. It may not sound like much, but the price is right -- in the vicinity of \$10 if I recall correctly.

Actually, I've been meaning to check out a DOS package called "Spanish Assistant" which is a phrase translator with an extensible idiom dictionary. Does anyone have any experience using this software as a real-time operating aid while on the air?

Todd, KB6JXT

Date: 8 Jun 93 01:17:26 GMT
From: munnari.oz.au!metro!mippet.ci.com.au!eram!dave@network.UCSD.EDU
Subject: ft530 rubber resistor: tuned low?

To: info-hams@ucsd.edu

Just what exactly is wrong with the antenna, that's got people so upset? I contacted our Yaesu rep in Australia (Dick Smith Electronics) and he says the 530 antenna (not the receiver, which I gather is more sensitive) is just 2dB down on the 470; in his words "big deal." And the 470 antenna is not as broad-banded as the 530 duckie...

PS: The 530 will be introduced into Australia when they've reprogrammed it for the Australian plan; at the moment they're deciding whether to include air-band coverage, or 800 MHz. Me, if I wanted a scanner, I'd buy one...

--

Dave Horsfall (VK2KFU)	VK2KFU @ VK2RWI.NSW.AUS.OC	PGP 2.2
dave@esi.COM.AU	...munnar!esi.COM.AU!dave	available

Date: 8 Jun 1993 02:06:53 GMT
From: usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!flinxwei@network.UCSD.EDU
Subject: ham radios in movies
To: info-hams@ucsd.edu

The new movie 'Cliffhanger' has a Kenwood HT's all over the place, as well as a nice HF rig.

73-
eric N8UNN

Eric Linxweiler
The Ohio State University
Dept. of Mathematics

Mathematica Student Rep.
Wolfram Research, Inc.

e-mail: linxweiler.1@osu.edu -or- linx+@osu.edu
packet: n8unn@w8cqk.#cmh.oh.usa.na

Date: 8 Jun 93 20:58:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ham Radios in movies
To: info-hams@ucsd.edu

Hello Net:

Someone said that the KWM 2 was not a Ham rig? I think it WAS OLD maybe

but still a Ham rig.

Also, I believe ALF used an old Kenwood 520 ? to keep in contact with his
outerspace friends.

73

Roland 7J1AKI
or
ASQP-NBF @ ZAMA-EMH1.ARMY.MIL

Date: 8 Jun 93 04:15:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: Has anyone experimented with the USENET via Sattelite feed
To: info-hams@ucsd.edu

I've been reading about a company in Mountain-view that offers a
sattelite downlink featuring a daily download of 70-100MB of usenet
stuff to your PC. Price is \$1895 and includes the first two years
service. After that it's \$30/month.

Has anyone looked into this? Comments? Good/Bad?

Date: Mon, 7 Jun 1993 23:31:37 GMT
From: swrinde!gatech!howland.reston.ans.net!agate!news.ucdavis.edu!
hamlet.ucdavis.edu!ez012303@network.UCSD.EDU
Subject: Just Got My No-Code Tech License!
To: info-hams@ucsd.edu

Well, everyone, it's finally here, my No-code tech license. I took the test
exactly six weeks and one day ago. Congrats to the Sunnyvale VEC for a speedy
turnaround time, and to the FCC of course. Hope to hear you soon on 2m!

Later,
Grant KD6WLN

***** 1985 Toyota Celica Supra, 5-Speed
* J. Grant Montgomery Mr. Imagination * IMGNSHN - Bad Boys Have Bad Toys.
* jgmontgomery@ucdavis.edu * KD6WLN
***** "The speed limit's for my Dad!"

Date: 7 Jun 1993 09:27:43 -0400
From: usc!howland.reston.ans.net!noc.near.net!jericho.mc.com!
levine@network.UCSD.EDU
Subject: Kenwood vs PK232
To: info-hams@ucsd.edu

In article <4505@uswnvg.uswnvg.com>, cjackso@uswnvg.com (Clay Jackson) writes:

|>
|> A while back, I remember seeing some posts on interference problems with
|> a PK-232 connected to a Kenwood HF rig. Not having either at the time,
|> I didn't keep copies of the article.
|>
|> Well, I now have a TS-680 and a PK-232, and I can't transmit while the
|> two are connected using the ACC-2 connector (cable and connector from AEA).
|> Something is causing the HF rig to just lock up key down. When I disconnect
|> the ACC-2, everything is fine. For receive only, it also works fine.
|>
|> Thanks in advance for any suggestions!
|>
|> --
|> Clay Jackson - N7QNM
|> US WEST NewVector Group Inc
|> Bellevue, WA
|> uunet!uswnvg!cjackso

I had a problem using the PK232 and my TS850. The symptom was a lot of distortion on transmit.

All of the additional grounding of PK232, rig, etc... made no difference.

AEA suggested that I disconnect the AFSK wire (white I think) from the PK232. This was fine since I was using the FSK output from the PK232 to the 850 for digital modes anyway, so the AFSK line was unused. I simply cut the white (please verify, I am not 100% sure of the color) from the PK232 connector, close to the connector due to ease of access and my distortion went away.

Apparently RF was getting into the audio circuits of the radio via that AFSK input line on the ACC2 connector.

Ever since then, I have been extremely pleased with the setup.

One other thing to check - on the TS440 there was one pin on ACC2 for PTT - pin 9 I think. Problem was that grounding that pin also left the mic hot, so while doing RTTY for example, you could get screwed up because the desk mic was open.

When the TS850 came out, a new PTT was added to ACC2 - pin 13. This caused PTT but kept the mic off. AEA's cable however uses pin 9 for compatibility. Check to see if your 680's PTT pin is maybe causing the problem.

73 Bob KD1GG

Date: 7 Jun 93 22:41:53 GMT
From: flop.ENGR.ORST.EDU!gaia.ucs.orst.edu!connected.com!beauty!nwnexus!
osburn@RUTGERS.EDU
Subject: Logos
To: info-hams@ucsd.edu

Newsgroups: rec.radio.amateur.misc
Subject: Logos

I am looking for all types and kinds of logos. If anyone has any amateur related logo's please let me know where I can get them please or where I can ftp them or your can ftp them to me or uuencode. thanks

--

Tim Osburn KB7GBQ osburn@halcyon.com Bellevue, Washington |

Date: 8 Jun 93 02:32:30 GMT
From: news-mail-gateway@ucsd.edu
Subject: Velocity of light
To: info-hams@ucsd.edu

: When expressing "c" in furlongs per fortnight, the unit of mass is not grams!
: Shel WA2UBK

Perhaps stone would be an appropriate value or cwt? Furlongs,
hundredweight, fortnights system of units.

A second is about 25 microFortnights and a meter is about 4.9 milliFurlongs!

Fer you Amerikans a stone is 14lbs and is the standard unit of body weight in the UK! -- I still can't remember my weight in lbs, but I know what it is in stone or kg.

Kevin Purcell N7WIM / G8UDP
a-kevinp@microsoft.com
"We conjure the spirits of the computer with our spells"

Date: Mon, 07 Jun 93 20:39:51 EDT
From: phsbbs!n2gj@princeton.edu
Subject: Wanted: 220 rig
To: info-hams@ucsd.edu

This is posted for a friend, Tom Palmieri!

Need a 220 FM rig for backbone message traffic (packet) for 2M packet
bbs. Reasonable price OK.

Drop a message to me, n2gj@phsbbs.nj.usa or call (609) 520-3847 days.

73,
Gerry

Gerald J. Jurrens N2GJ | Black holes are where God divided by zero!
Mathtech/Box 147 | Internet : n2gj@phsbbs.princeton.nj.us
Kingston, NJ 08528-0147 | Packet : N2GJ@W2ZQ.NJ.USA.NOAM
(609) 520-3847 office | GEnie : G.JURRENS

Date: Tue, 8 Jun 1993 00:45:16 GMT
From: cs.ubc.ca!newsserver.sfu.ca!sfu.ca!tpang@beaver.cs.washington.edu
Subject: WANTED FT-101ZD, Radios in movies
To: info-hams@ucsd.edu

turner@safety.ics.uci.edu (Clark Savage Turner) writes:
>In <6569@gold.gvg.tek.com> randyh@gvgadg.gvg.tek.com (Randy Hall) writes:
>>Wanted:
>>FT101ZD with 2 meter option. This looks like a great transition radio
>>for the no code operators.
>>oh, I know that the FT101ZD can work 2 meters, I saw done in the movie
>>Cliffhanger!!
>>:-}

Yea, I have never seen those radios being used accurately in most movies.
Is the Kenwood HTs in Cliffhanger TH-28A? I saw some 49MHz "talkman" too.
I think there are a few other HTs but I forgot. And the FBI chopper must
have a scanner to pick up those bad guy's freq. About the 101ZD, they
have a transveter hidden :). No way, I don't think 101ZD has FM though.
They must have a 10m to 2m repeater link there :). (Oh, I mean gov't band.)

>That brings up an interesting note....I have seen ham radio equipment in
>a number of movies. I wonder if others keep track:

Kenwood TH-21AT were used in Bruce Willis' "one man show" movie (I forgot the name now, but he is a N.Y. cop in L.A. and only he can save the citizens) (no, it's not Superman :). And in his sequel, Kenwood TH-25AT were used, loyal Kenwood people upgrade their radios? :). Oh, also, there was a Kenwood HF base in the military truck, and why military uses ham gear is beyond me. (later found that military operation is bogus in the movie, so good clue , folks :). Some other ham gears were used , but I forgot. Oh, now I remember, the movie sequel is called Die Hard (and Die Harder), etc. It's funny to see the terrorists uses the DTMF pad on the 21AT to punch in their "access code", so they can transmit the radio (must be one of the latest mod. I should have gotten, since I had a 21AT then.). And then they have this repeater tail on simplex (I don't think terrorists bring repeater with them!). And also, Bruce Willis tuned his radio to the police freq. to call for help (he took the radio from the terrorist he killed or something like that.). Well, at least that is more possible than other part (the 21AT can be mod to a certain extent, but not odd split.) The reason I think they use the 21AT was because that was the smallest rig then, so it looks high-tech on the movie.

Not ham gear, but lots of movies use those 49MHz talkman, and in a very high-tech fashion, in futuristic movies etc, and I can see the steel whip antenna on the headphone top. :)

Not movies either, but there was this TV series for kids, about this computer/high-tech highschool wizard called Wizkids or something like that about 10 years ago. Although not exactly accurate, but it's nice. I think he has some HF gear and other stuff too.

Isn't there a TV series about this guy have the ham radio in a Van, driving around? And the theme is related to it also? Long time ago, and I saw a few brief moments of it, forgot the name. I heard that gave some good recognition for ham radio. We should have more of those, and present it as a sassy fashion?

>Clark

>Clark Savage Turner, Graduate Student Researcher

>Safety Critical Software Group home:

>Department of Info. and Computer Science 1514 Verano Place

>Irvine, CA. 92717 Irvine, CA. 92715

>(714) 856 4049 (714) 856 2131

>WA3JPG, QRP #3526, active on HF, VHF and UHF.

>Admitted to practice law in California, Massachusetts, and New York.

>ARRL Volunteer Counsel

I think I must have seen IC-2A type being used in lots of movies/tvs as commercial or government radios. (although I know there are commercial versions of such exist in real life too, but not very popular.)

Regards,
David

```
*-----*
| In real life: David Tse                      E-mail: tpang@sfu.ca (Internet) |
| Amateur radio callsign: VE7MDT                |
| Snail Mail: P.O. Box 26052, Richmond, B.C., V6Y 2B0, Canada |
| Main computer: Amiga A3000/25, AMaxII, ZyXEL U-1496E, HP DeskJet PLUS |
| Others: HP48SX, Amiga A1000                    |
| Disclaimer: Any of the content here does not represent the view of |
|              any other bodies except David Tse. |
| "Is that vee-gee-aa?", drooling audiences asked, watching demos on Amiga |
| 500; the real life faq then at SDSU, San Diego, California. -1988/89 |
*-----*
```

Date: 8 Jun 93 01:09:32 GMT
From: munnari.oz.au!metro!mippet.ci.com.au!eram!dave@network.UCSD.EDU
To: info-hams@ucsd.edu

References <12177@prijat.cs.uofs.edu>, <1993Jun7.035635.23121@w8hd.org>,
<1993Jun7.141606.5631@alsys.com>
Subject : Re: Warning! FT5200 DANGER!

In article <1993Jun7.141606.5631@alsys.com>,
garym@alsys.com (Gary Morris @ignite) writes:

| I thought they didn't have a 6 meter band in Japan? And that's where the
| Yeasu comes from, right?

They do so!!! They're heard so often in VK it's no longer regarded as DX...

| BTW, does anyone make a radio for 6 meters? I'd like to get on 6 but those
| tri-banders are too expensive.

The Yaesu FT-690R (Mk II) springs to mind...

--

Dave Horsfall (VK2KFU) VK2KFU @ VK2RWI.NSW.AUS.OC PGP 2.2
dave@esi.COM.AU ...munari!esi.COM.AU!dave available

Date: 7 Jun 93 19:21:37 CDT

From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!news-feed-1.peachnet.edu!ukma!netnews.louisville.edu!wkuvx1!scottcr@network.UCSD.EDU
To: info-hams@ucsd.edu

References <739070273snx@skyld.tele.com>, <C8263o.Iy1@srgenprp.sr.hp.com>,
<4JUN199307223413@nssdca.gsfc.nasa.gov>n
Subject : Re: PL-259 seal

In article <4JUN199307223413@nssdca.gsfc.nasa.gov>, stocker@nssdca.gsfc.nasa.gov
(ERICH FRANZ STOCKER) writes:

> In article <C8263o.Iy1@srgenprp.sr.hp.com>, alanb@sr.hp.com (Alan Bloom)
writes...

>>

>>: Silicon rubber works, but it is slightly acidic and will slowly eat the
>>: metal. Best bet is to buy the expensive silicon rubber potting compound

I do not recommend this method.

>>

>>I dunno, I always just use black vinyl electrical tape. Stretch it as you
>>apply it so it makes a good watertight seal and use plenty -- cover the
>>entire connector and an inch or two of the coax. I've never had a
>>corrosion problem with that method. And it comes off without much mess.

>>

>>AL N1AL

I have had numerous connectors fail after a year or so using this
method.

>>

>

> I've heard that shrink tubing is good to use for sealing off the connection.
> However, heard from an "expert" that it would be better to use the silcon
> rubber potting compound and then use the shrink tubing.

>

> Erich

> N30XM

>

I have had good experiences (zero failures) with two methods. I have
used these for 950 mhz with N connectors, and the UHF type. If you
want to avoid expensive tower work later, it pays to spend a couple
of dollars waterproofing connectors.

method # 1:

This is detailed in the recent edition of the NAB broadcast engineering handbook under the microwave chapter. This is the most widely accepted professional method. If done correctly it is truly waterproof, is virtually UV proof, and is not bad to open up later:

The football wrap: Using butyl rubber tape (supplied in grounding kits by Andrew and seperately), also sold under the trade name "coax-seal" in 1/2 inch widths,

Wrap from one inch or more behind connector to one inch or more on the other side of the connection using 10% stretch, a liberal amount of butyl tape. With your hand, squeeze and form the "putty" against the connector and line. Finish joint by wrapping with good quality electrical tape, stretching in on, with lots of overlap. Make this outer tape wrap 2-3 layers thick.

This works well.

method # 2:

There is a special type of shrink tube available that begins about one inch in diameter, and will shrink down to 25% of its size, while oozing a flexible glue type sealant. This requires a heat gun to evenly heat the tube.

This works well if you contain the entire affected area in the shrink with margin at the ends. The only drawback to this method is that it is somewhat more difficult to remove; the correct amount of pressure must be used when making a ventral slit, in order to avoid damaging the cable jacket.

--

SCOTTCR@WKUVX1.BITNET aka Chris Scott- C/E Public Radio- Western KY U
Telco: (502) 745-3834 Hm & Fax: (502) 781-1232

End of Info-Hams Digest V93 #694
